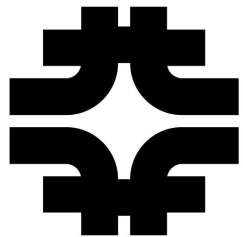


NuMI-MINOS status report

Phil Adamson
Fermilab Accelerator Division

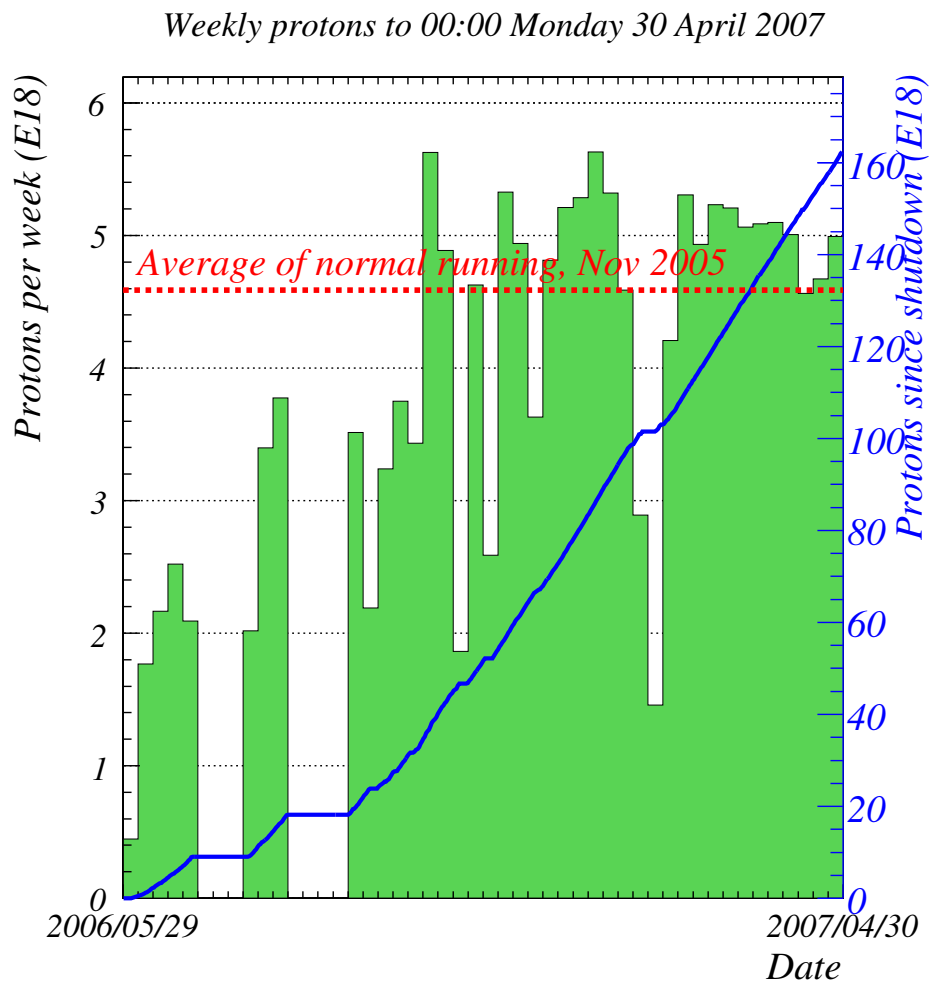
for the
MINOS collaboration





This week

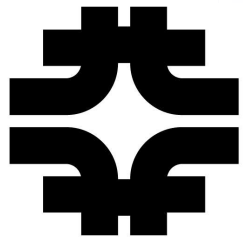
P. Adamson
Accelerator Division
Fermilab



- ▷ 4.99×10^{18} protons this week
- ▷ Steady week, only 10.5 hours beam downtime—an hour here and there
- ▷ Detector uptimes 98.39% (near) and 99.96% (far)

This week:

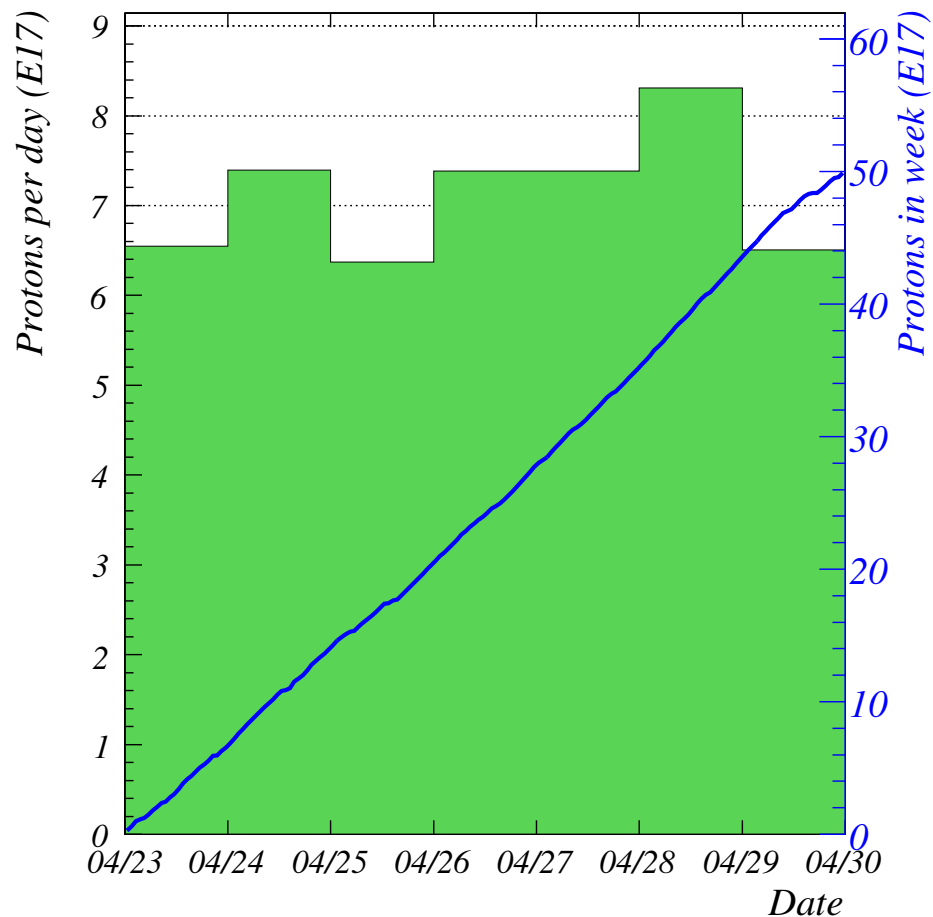
- ▷ Scarecrow in NuMI beamline tripped a few times—caused by an MI RF station tripping off. Experts are looking at providing an RF input to the NuMI beam permit.
- ▷ 11-batch studies (see Ioanis)
- ▷ Missed pulse fraction climbed to 9%



This week

P. Adamson
Accelerator Division
Fermilab

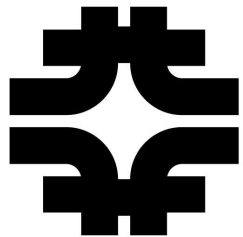
Week to 00:00 Monday 30 April 2007



- ▷ 4.99×10^{18} protons this week
- ▷ Steady week, only 10.5 hours beam downtime—an hour here and there
- ▷ Detector uptimes 98.39% (near) and 99.96% (far)

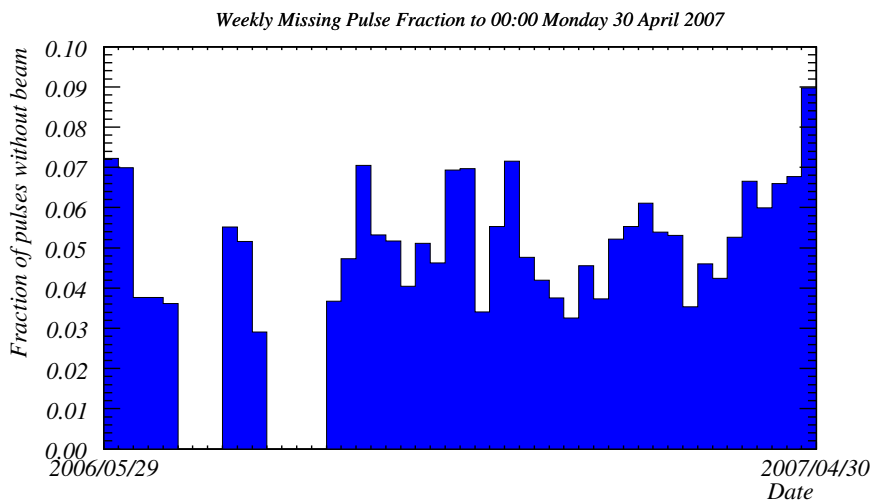
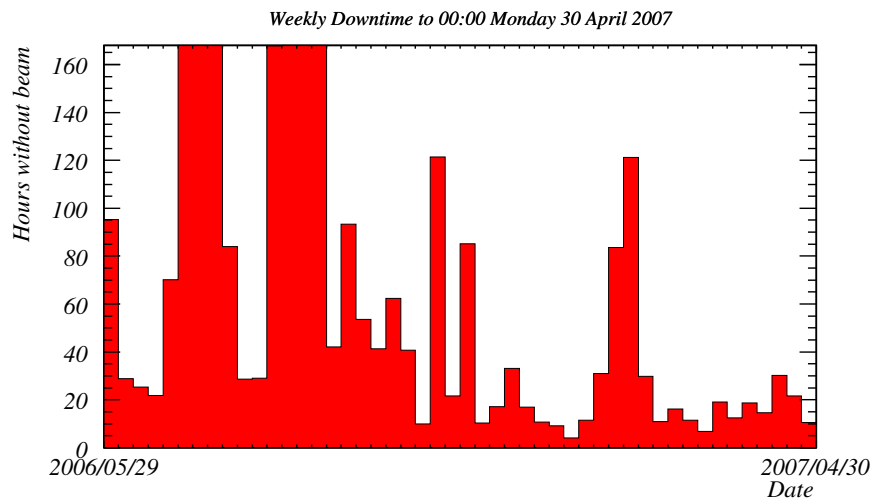
This week:

- ▷ Scarecrow in NuMI beamline tripped a few times—caused by an MI RF station tripping off. Experts are looking at providing an RF input to the NuMI beam permit.
- ▷ 11-batch studies (see Ioanis)
- ▷ Missed pulse fraction climbed to 9%



This week

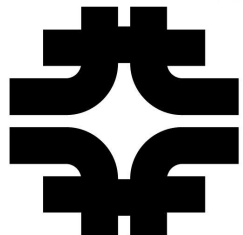
P. Adamson
Accelerator Division
Fermilab



- ▷ 4.99×10^{18} protons this week
- ▷ Steady week, only 10.5 hours beam downtime—an hour here and there
- ▷ Detector uptimes 98.39% (near) and 99.96% (far)

This week:

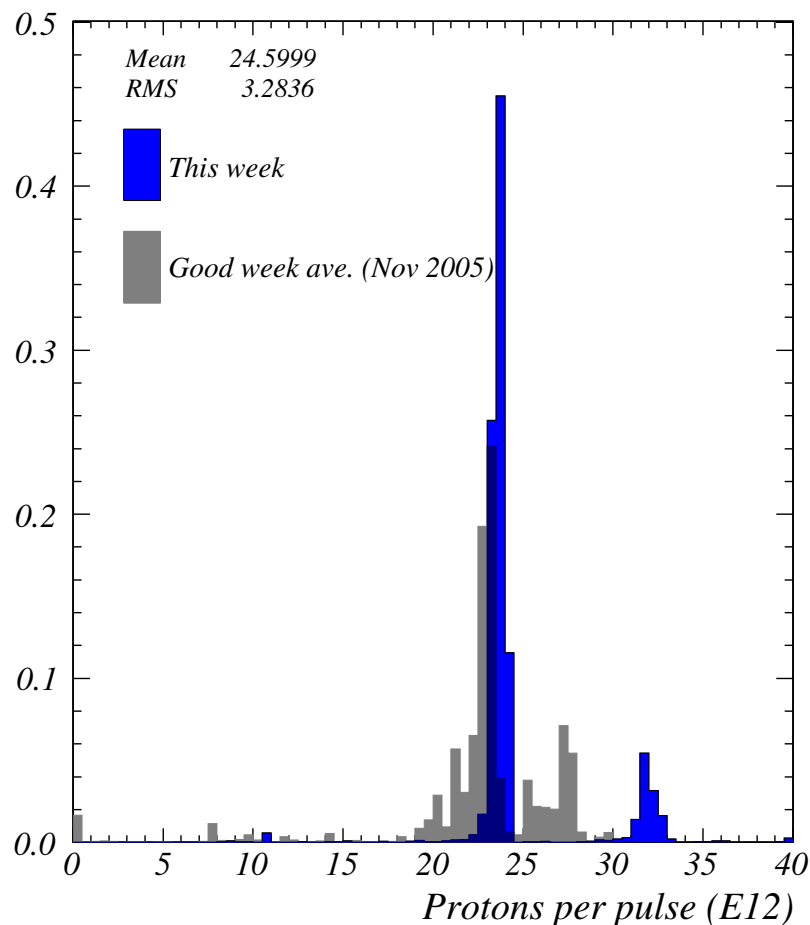
- ▷ Scarecrow in NuMI beamline tripped a few times—caused by an MI RF station tripping off. Experts are looking at providing an RF input to the NuMI beam permit.
- ▷ 11-batch studies (see Ioanis)
- ▷ Missed pulse fraction climbed to 9%



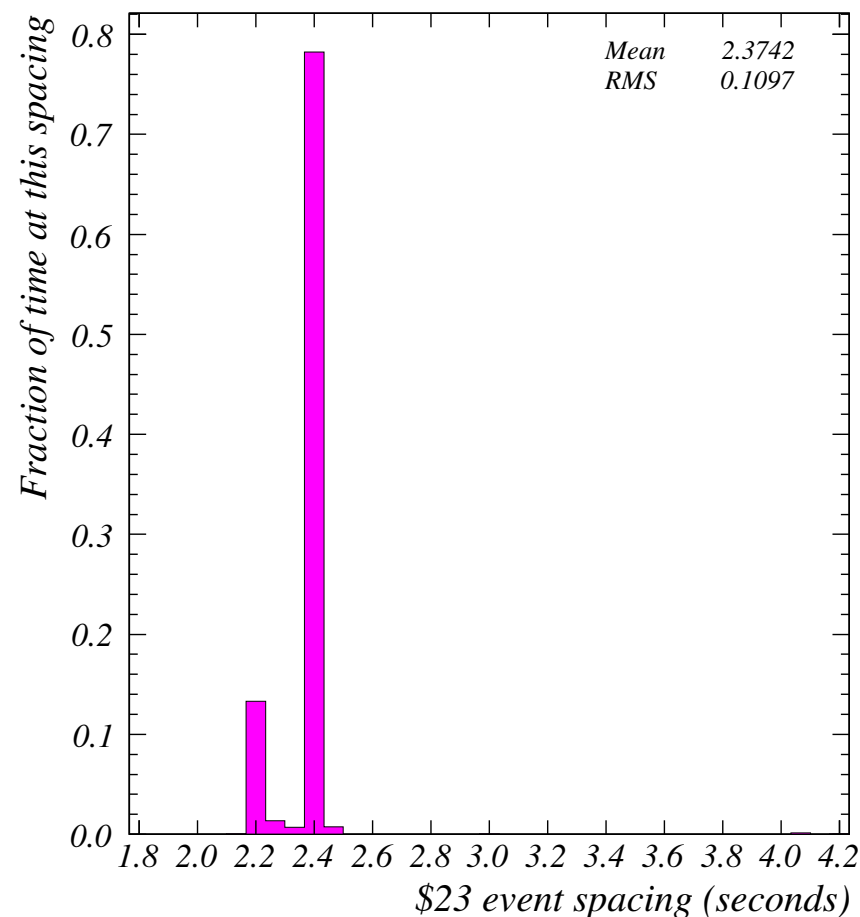
In detail...

P. Adamson
Accelerator Division
Fermilab

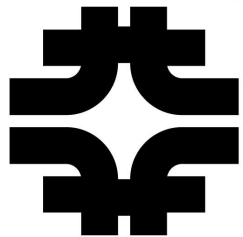
Week ending 00:00 Monday 30 April 2007



Week ending 00:00 Monday 30 April 2007



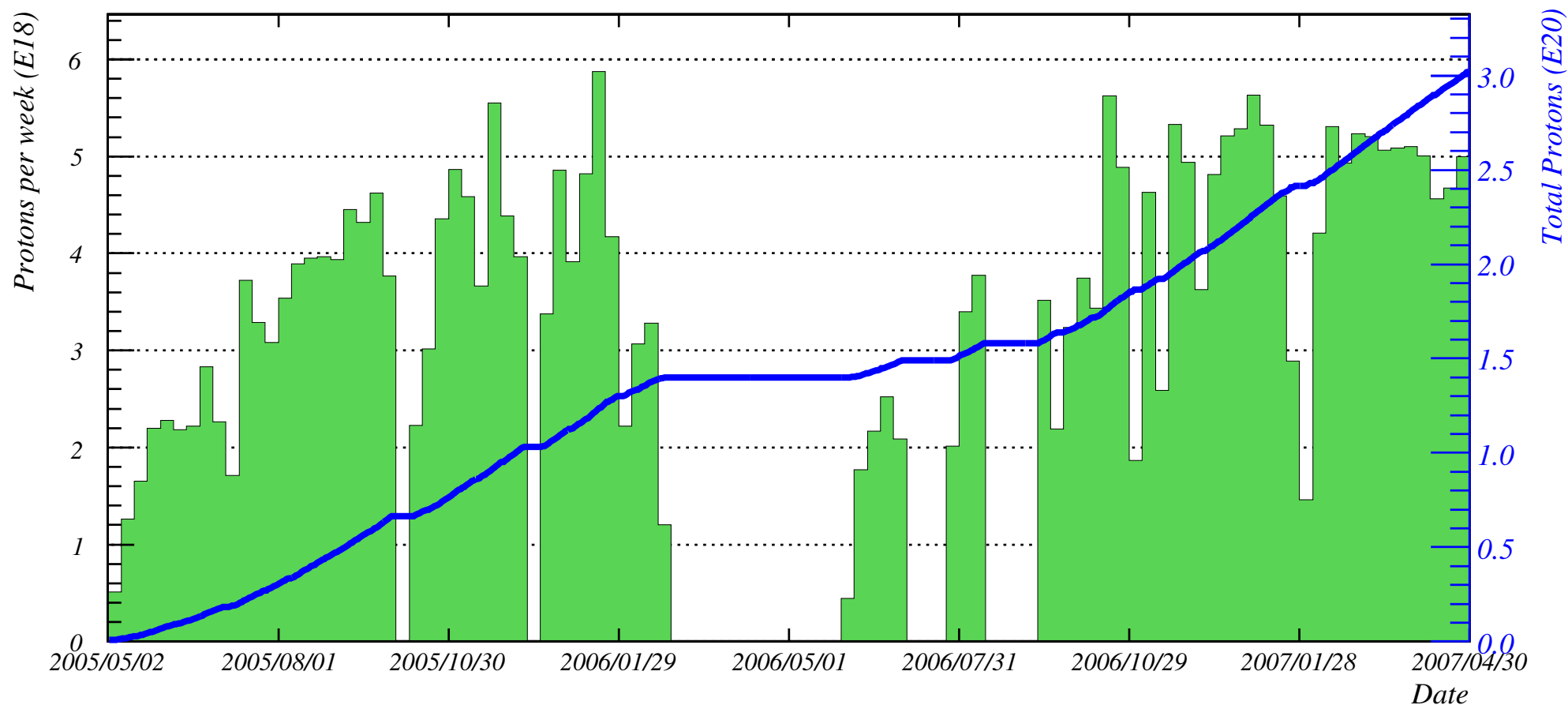
- ▶ Booster intensity down a little ($3E11$ /batch) from recent best
- ▶ Per-pulse intensity fairly stable



3×10^{20} protons

P. Adamson
Accelerator Division
Fermilab

Total NuMI protons to 00:00 Monday 30 April 2007



“Please, sir, I want some more.”